Sahishnu Patel

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EDUCATION

Rutgers University – Rutgers School of Engineering New Brunswick, NJ
Pursuing Bachelor of Electrical & Computer Engineering Graduating May 2017
Cumulative GPA: 3.5
Deans List 2013-2015

EXPERIENCE

Human Computer Interaction Lab, Rutgers April 2015 - Present

Co-principal Investigator/Research Intern

- Designed and conducted long term mobile security research project on the viability of behavioral biometrics with over 65 participants and $3500 in funding
- Automated the analysis of experimental results using Matlab and C#

Office of Information Technology, Rutgers New Brunswick, NJ
Help Desk Consultant Fall 2014

- Monitored over 1,500 designated systems, services, networks and servers to prevent outages that affect over 60,000 students, faculty, and staff members at Rutgers University
- Resolved network issues for students, faculty and staff members on Windows, Apple and Linux platforms on a daily basis

PROJECTS

Captura, Learn languages on the go Fall 2016

- Created android application integrating Cloud Vision with Google Translate, allowing users to learn words of a new language by simply taking photos
- Implemented SQLite database to save pertinent data and allow users to study previous words and take randomized quizzes

MyRo, My Friendly Robot Spring 2016

- Created functional telepresence robot capable of real-time video calling, movement control, image recognition and journal entry using Swift, Arduino and Erlang
- Wrote thorough software report for project including customer statement, use cases and user effort estimations

SKILLS

- **Software Skills**
  Proficient – MatLab, Eclipse, Android Studio, Github, Adobe Photoshop, Adobe After Effects, Adobe Premiere Pro, Sketch
  Working Knowledge – XCode, Unity, Adobe Illustrator, Adobe Lightroom
- **Programming Skills**
  Proficient – Java, Javascript, C
  Working Knowledge – C#, Swift, Assembly

ORGANIZATIONS

Yogi Divine Society, International Charitable Foundation May 2013 – Present

Active Youth Leader/Web master

- Organize, conduct and participate in youth development events with over 1,500 attendees
- Travell to regions in North America and India to deliver speeches, choreograph dances, and direct dramas to be performed in large scale events with crowds ranging from 1,500 to 150,000 youths and adults on topics like 'Living a life worth living'
- Design, create & maintain website and mobile app for Yogi Divine Society

Atmiya Care Charities May 2014 – Present

- Volunteer in charity events like food drives and blood donation camps for natural disaster victims
- Write and edit motivational articles for international publication, 'Outreach'